AWS D1.6 Interpretation

Subject: Electrode and Shielding Medium
Code Provisions: 4.8.3, Table 4.1, and Table 4.5
AWS Log: D1.6-07-I03

Inquiry: (1) In accordance with Table 4.1, does changing the percentage composition of shielding gas mixture require requalification of the welding procedure?

(2) In accordance with paragraph 4.8.3 and Table 4.5, does changing the percentage composition of shielding gas mixture require requalification of the welder?

Response: (1) Yes.

(2) No.